

Appl. No.: 10/707554
Amdt. Dated: 8/25/2004
Reply to Office action of: 06/03/2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (canceled)
2. (amended) A flat female terminal according to Claim 19 wherein, said at least ~~one~~ two pins ~~has~~ each have a width slightly larger than the diameter of a complimentary bores on a circuit board.
3. (amended) A flat female terminal according to Claim 2 wherein, said at least ~~one two pins~~ is are beveled on their ends.
4. (amended) A flat female terminal according to Claim 19 wherein, a plurality of said flat female terminals (8) are connected in a ribbon by the projection areas (9) ~~of said body portions~~ forming a continuous coil-shaped wound band of said flat female terminals (8).
5. (original) A flat female terminal according to Claim 4 wherein, said projections are formed by cutting a single flat female terminal from a strip of connected flat female terminals.
6. (canceled)
7. (amended) A flat female terminal according to claim 19 wherein, said at least ~~one two pins~~ comprises a plurality of pins the number of which is based on the electrical current load to be carried by said pins.

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8. (amended) A flat female terminal according to claim 19 wherein, the distance of the spaced relationship between said arms is selected according to the type of component to be inserted between them.

9. (amended) A flat female terminal according to claim 19 wherein, said terminal is comprised of a material having a desired resiliency and a desired electrical conductivity.

10. (canceled)

11. (amended) A flat female terminal according to Claim ~~10~~ 20 wherein, said at least ~~one~~ two pins ~~has~~ each have a width slightly larger than the diameter of a complimentary bores on a circuit board.

12. (amended) A flat female terminal according to Claim 11 wherein, said at least ~~one~~ two pins ~~is~~ are beveled on their ends.

13. (amended) A flat female terminal according to Claim ~~12~~ 20 wherein, a plurality of said flat female terminals are connected in a ribbon by the projection areas of said body portions forming a continuous coil-shaped wound band of said flat female terminals.

14. (original) A flat female terminal according to Claim 13 wherein, said projections are formed by cutting a single flat female terminal from a strip of connected flat female terminals.

15. (canceled)

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16. (amended) A flat female terminal according to claim +20 wherein, said at least ~~one~~ two pins comprises a plurality of pins the number of which is based on the electrical current load to be carried by said pins.

17. (amended) A flat female terminal according to claim +20 wherein, the distance of the spaced relationship between said arms is selected according to the type of component to be inserted between them.

18. (amended) A flat female terminal according to claim +20 wherein, said terminal is comprised of a material having a desired resiliency and a desired electrical conductivity.

19. (new) A flat female terminal for inserting in a printed circuit board for mounting electrical components comprising:

a body portion having two ends and two sides comprising:

two resilient arms in spaced relationship located on one end of said body portion, said arms being beveled on their inner portion and said inner portion of each of said resilient arms facing each other;

at least two pins located on the end of said body portion opposite said two resilient arms said at least two pins being suitable for inserting into a complimentary bores on a printed circuit board, said at least two pins being further characterized as having a shape the end of which is dimensioned smaller than the complimentary bores of a printed circuit board and said pins dimensioned to provide a tight friction fit between said at least two pins and said complimentary bores on said printed circuit board; and

a support projection located on each side of said body portion suitable for interacting with a female terminal insertion tool for mounting said female terminals in a printed circuit board.

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20. (new) A flat female terminal for inserting in a printed circuit board for mounting electrical components comprising:

a body portion having two ends and two sides comprising:

two resilient arms in spaced relationship located on one end of said body portion, said arms being beveled on their inner portion and said inner portion of each of said resilient arms facing each other;

at least two pins located on the end of said body portion opposite said two resilient arms said at least two pins being suitable for inserting into a complimentary bores on a printed circuit board, said at least two pins being further characterized as having a shape the end of which is dimensioned smaller than the complimentary bore of a printed circuit board and said pins dimensioned to provide a tight friction fit between said at least two pins and said complimentary bores on said printed circuit board;

a support projection located on each side of said body portion suitable for interacting with a female terminal insertion tool for mounting said female terminals in a printed circuit board; and

a shoulder located on each side of said body portion at said end having said at least one pin mounted thereto having a dimension greater than the said at least one pin and less than the dimension of said support projection thereby providing a space between the printed circuit board and said support projections allowing for the introduction of conductor bridges and the like.

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AMENDMENTS TO THE DRAWINGS:

The attached sheet(s) of drawings includes a new Figure 7 illustrating the claimed “ribbon ... forming a continuous coil-shaped wound band”. Support for this additional figure may be found, for example, in Claim 4 and in the specification in paragraph 0018, lines 10 – 12, as well as a new Figure 8 illustrating one embodiment of the claimed “...a plurality of pins the number of which is based on the electrical current load to be carried by said pins”. Support for this additional figure may be found, for example, in Claims 7 and 16.

No new matter has been introduced by this additional new sheet of drawings.

Attachment: New Sheet(s)